

*Rosette*

# Columbia Gas Transmission

**A NiSource Company**

1700 MacCorkle Avenue S.E.

Charleston, WV 25314

February 7, 2011

Director  
US EPA Region 3  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

RECEIVED

FEB 09 2011

3AP30

**RE:** 40 CFR 63 Subpart ZZZZ Initial Notification of Applicability

Dear Sir/Madam:

Pursuant to 40 CFR 63.9, enclosed with this letter are Initial Notifications of Applicability of 40 CFR 63 Subpart ZZZZ to named emission units at Columbia Gas Transmission compressor stations. Should you have any questions or need additional information, please contact me at 304-357-2196 ([jmorgan@nisource.com](mailto:jmorgan@nisource.com)).

Sincerely,



Joe Morgan  
ES&S Coordinator

Enclosure

cc:

RECEIVED  
FEB 15 2011  
3AP20

## Initial Notification Report

Applicable Rule: 40 CFR Part 63, Subpart A — National Emission Standards for Hazardous Air Pollutants for Source Categories, Subpart A — General Provisions. Initial notification is being made in accordance with §63.9(b).

*Note: Initial notification reports are due not later than 120 calendar days after the effective date of the relevant standard, or within 120 calendar days after the source becomes subject to the relevant standard. Sources may also use the application for approval of construction or reconstruction under §63.5(d) to fulfill the initial notification requirement.*

*If you are a new or reconstructed major source, you must also include information required under 63.5(d) and 63.9(b)(5) - the Application for Approval of Construction or Reconstruction. You may use the Application for Approval of Construction and Reconstruction as your initial notification. (§63.5(d)(1)(iii)).*

## SECTION I GENERAL INFORMATION

A. Print or type the following information for each facility for which you are making initial notification: (§63.9(b)(2)(i)-(ii))

Operating Permit Number (OPTIONAL)		Facility I.D. Number (OPTIONAL)	
PRO-51009			
Responsible Official's Name/Title			
Roger Given			
Street Address			
1700 MacCorkle Ave., S.E.			
City	State	ZIP Code	
Charleston	WV	25314	
Facility Name (if different from Responsible Official's Name)			
Petersburg Compressor Station			
Facility Street Address (If different than Responsible Official's Street Address)			
1596 Baxter Road			
Facility Local Contact Name		Title	Phone (OPTIONAL)
Joe Morgan		ES&S Coordinator	304-357-2196
City	State	ZIP Code	
Prince George	VA	23875	

B. Indicate the relevant standard or other requirement that is the basis for this notification and the source's compliance date: (§63.9(b)(2)(iii))

Basis for this notification (relevant standard or other requirement)	Anticipated Compliance Date (mm/dd/yy)
40 CFR 63, Subpart ZZZZ (RICE MACT)	Already in compliance

## SECTION II SOURCE DESCRIPTION

A. Briefly describe the nature, size, design, and method of operation of the source.  
(§63.9(b)(2)(iv))

Petersburg Compressor Station is part of Columbia's natural gas transmission system. The station operates natural gas compressors that pressurize incoming gas prior to routing the gas to downstream pipelines. The station also operates auxiliary equipment, such as emergency generators. The station is designed to operate 24 hours per day, 365 days per year.

B. Briefly describe the types of emission points within the affected source and the types of hazardous air pollutants emitted. (§63.9(b)(2)(iv))

### Types of Emission Points

The natural gas compressors at the station are driven by spark-ignited reciprocating internal combustion engines, of which one, is subject to the emission reduction requirements in 40 CFR 63, Subpart ZZZZ, Table 2d. The engine is natural gas-fired, rated at 800 horsepower, and is 4-stroke rich-burn design. The engine is a Waukesha Model L7042G.

### Types of HAPs Emitted

The primary HAP emitted by the engines is formaldehyde. Other HAPs include acetaldehyde, acrolein, benzene, toluene, ethyl benzene, and xylene. These compounds are byproducts of natural gas combustion.

C. Check the box that applies: (§63.9(b)(2)(v))

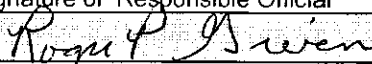
- ☐ My facility is a major source of Hazardous Air Pollutants (HAPs)  
☒ My facility is an area source of HAPs

NOTE: A major source is a facility that emits or has the potential to emit greater than 10 tons per year of any one HAP or 25 tons per year of multiple HAPs. All other sources are area sources.

## SECTION III

**CERTIFICATION** (Note: Certification is Optional – not required under §63.9(b). You may edit the text in this section as deemed appropriate)

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge.

Name of Responsible Official (Print or Type)	Title	Date (mm/dd/yy)
Roger Given	VP of Transmission & Storage	February 4, 2011
Signature of Responsible Official 		

Responsible official is defined under §63.2 as any of the following: the president, vice-president, secretary, or treasurer of the company that owns the plant; the owner of the plant; the plant engineer or supervisor; a government official if the plant is owned by the Federal, State, city, or county government; or a ranking military officer if the plant is located on a military installation.